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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/724,101			
Filing Date	December 1, 2003			
First Named Inventor	Tadahiro OHMI			
Art Unit	1765			
Examiner Name	Unassigned			
Attorney Docket Number	SUGI0137			

	Cite No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
	140.	Number-Kind Code ^{2 (7 known)}	· MANAGESTITI	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
DAL	Α	^{US-} 6,733,732	05-11-2004	Ohmi et al.		
ML	В	US- 2004/0137744	07-15-2004	Ohmi et al.		
ML	С	US- 2004/0247502	12-09-2004	Ohmi et al.		
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
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Examiner Signature	Jennifer Leuna	Date Considered	06-21-05
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Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Examiner Name	Unknown			
Attorney Docket Number	SUGI0137	7		

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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁶ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	14	
DAL	Α	JP 10-297907 A	11-10-1998	Fujikin Inc.	<u>L</u>		
2791	В	WO 97/48640	12-24-1997	Ultraclean Tech			
m	O	JP 2000-72405 A	03-07-2000	Fujikin Inc.			
7091	۵	JP 6-147420 A		Matsushita Elec			
m	ш	JP 63-138220 A		Chino Corp.			
M	F	JP 11-084299 A	03-26-1999	Konica Corp.			

Examiner Signature	Jennifer	Leung	Date Considered	06-21-05

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First Named Inventor	Tadahiro OHMI et al			
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Examiner Name	Unassigned			
Attorney Docket Number	SUGI0137			

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F brown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ "Number ⁴ "Kind Code ⁹ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	™
MAL	G	JP 2000-169109 A2	06-20-2000	Fujikin Inc.		
m	Н	JP 2000-169110 A2	06-20-2000	Fujikin Inc.		
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Examiner Signature	Jennifer Leuna	Date Considered	06-21-05

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Sheet	3	of	3	Attorney Docket Number	SUGI0137	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*				
OAL	ı	Internationial Search Report, PCT/JP00/04911, Japanese Patent Office, completed August 28, 2000, 4 pages.		
ML	J	Chemical Handbook, Fundamentals, Part II, June 25, 1986, p. 406, Maruzen Publishing Company, Tokyo, Japan.		
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Signature	Jenniter	Lune	Considered	06-21-05

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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of collection of information under the patients and the collection of information under the patients are the collection of the colle Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/724,101 Filing Date December 1, 2003 INFORMATION DISCLOSURE First Named Inventor Tadahiro OHMI STATEMENT BY APPLICANT Art Unit 1765 (Use as many sheets as necessary) Examiner Name Unknown Attorney Docket Number **SUGI0137**

Examiner Initials*	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	No.1	Number-Kind Code ^{2 (7 known)}	MM-DD-YYYY	Applicant of Cited Document	
M	Α	^{US-} 6,093,662	07-25-2000	Ohmi et al.	
M	В	^{US-} 6,274,098 B1	08-14-2001	Tanabe et al.	
m	С	^{US-} 6,334,962 B1	01-01-2002	Minami et al.	
OAL	D	^{US-} 6,180,067 B1	01-30-2001	Ohmi et al.	
2992	Ε	^{US-} 3,755,075	08-28-1973	Henrie	
ML	F	^{US-} 2001/0048907 A1	12-06-2001	Ohmi et al.	
An	G	US- 2002/0136676 A1	09-26-2002	Komehana et al.	
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		Country Code ³ "Number ⁴ "Kind Code ⁸ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	۲,
742	Н	EP 0 878 443 A1	11-18-1998	Fujikin/Hitachi		
7991_	1	WO 98/57884	06-12-1998	Fujikin		
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Examiner Signature	Jennifer Leuna	Date Considered	06-21-05

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		NON PATENT LITERATURE DOCUMENTS		
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DAL	J	International Search Report for International Application No. PCT/JP00/04911, completed August 28, 2000, at the Japanese Patent Office, and mailed September 5, 2000		

Examiner Signature	Junifer Leung	Date Considered	06-21-05

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